

Schools Analysis
Boston Edison Standby Rates

The following is an analysis of the effect that standby rates will have on the Boston Schools cogeneration project.

1. Charlestown H.S., 24/7 operation, 500 kW plate rating.

Estimated System Saving	\$ 366,203.00
Estimated Standby Charge	<u>\$ 96,000.00</u>
Saving after Standby Charge	\$ 270,203.00

2. Lee School, Load following operation, 300 kW plate rating

Estimated System Saving	\$ 143,467.00
Estimated Standby Charge	<u>\$ 57,600.00</u>
Saving after Standby Charge	\$ 85,867.00

3. Hennigan School, Peak shaving operation, 250 kW plate rating.

Estimated System Saving	\$ 66,185.00
Estimated Standby Charge	<u>\$ 48,000.00</u>
Saving after Standby Charge	\$ 18,185.00

Prepared by David Hannus, installing contractor